

TLVR120611 Series

Features

- High saturation characteristic core for large saturation current and low loss.
- Closed magnetic circuit design reduces leakage flux.
- High precision DCR.
- Halogen free, RoHS compliant.

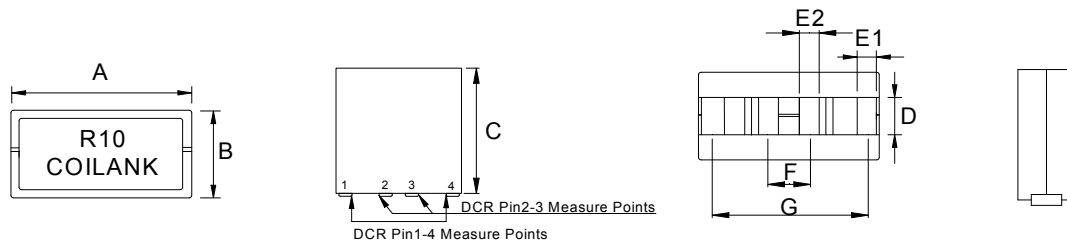
Applications

- Server, desktop computer, notebook.
- Graphics, memory.
- Industrial equipment, telecom base station.

Test Equipment and Conditions

- All test data is referenced to 25°C ambient.
- Operating temperature range -40°C to +125°C. (Including self - temperature rise)
- DC current(Irms) that will cause an approximate ΔT of 40°C.
- L1 @ 100kHz, 1.0Vrms, 0A, 25°C.
- L2 @ 100kHz, 1.0Vrms, 1mA.

External Dimensions (Unit:mm)



TYPE	A	B	C	D	E1	E2	F	G	Q'Ty / Reel
TLVR120611	11.7±0.3	5.7±0.3	11.0±0.2	2.45±0.3	1.3±0.3	1.15±0.3	2.65±0.5	10.1±0.5	400

Part Number Code

TLVR	1206	11	L	R10	HC
Series Name	Dimensions: L*W	Dimensions: H	Tolerance L:15%	Inductance	Internal controls

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Part Number	L(nH) ±15%	L2(nH)1-4 @Isat	DCR1-4 (mΩ) ±10%	DCR 2-3 (mΩ) ±10%	Isat 1(Amp)	Isat 2(Amp)	Irms 1-4	Irms2-3
	@25°C	Min	@25°C	@25°C	@25°C	@100°C	(Amp)	(Amp)
TLVR120611LR10HC	105	71.4	0.125	0.37	125	106	77	45
TLVR120611LR12HC	120	81.6	0.125	0.37	102	87	77	45
TLVR120611LR15HC	150	102	0.125	0.37	84	71	77	45
TLVR120611LR17HC	170	115.6	0.125	0.37	70	60	77	45
TLVR120611LR20HC	200	136	0.125	0.37	58	50	77	45